

EUCOIno

Compact, Plug & Play Anaerobic Digester



Anaerobic Digester

The EUCOIno anaerobic digester's uniquely compact design expands to operations with limited footprints or smaller waste streams and opportunities for energy generation from organic waste.

EUCOIno typically processes 1,000 - 6,500 tons of organic waste per year, including:

- Food waste
- Biosolids
- Manure
- Yard waste
- Brewery waste

EUCOIno Advantages

- Easy installation - pre-fabricated, pre-tested for safety and ready to operate upon delivery design
- Small footprint - slightly larger than a shipping container
- Flexible choice of feedstock
- Utilizes well-proven EUCO® technology, continuously improved since 1995

Minimal Space Requirements

EUCOIno is characterized by minimal space requirements and modular structure. Biogas generated in the system can be used for electricity and heat, and digestate used as compost or a variety of fertilizer products.

System Overview

EUCOIno's pre-fabricated system is simple, flexible and easily integrated into already-established operations. System components are pre-manufactured units shipped as complete systems from the supplier.

Modular components can be combined according to specific needs and many combinations of input materials are possible.

Depending on availability of organic waste, engine sizes typically range from 50 kW up to 100 kW.

About BIOFerm™

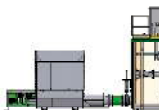
Based in Madison, Wisconsin, BIOFerm™ Energy Systems is a North American provider of turnkey gas processing and anaerobic digestion systems.

We additionally offer a spectrum of biogas services, such as: gas marketing, financing, project development, regulatory and financial oversight, power purchase agreement assistance, and consulting engineering.

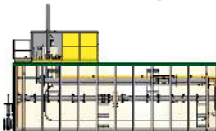
Our company has experience from the installation of over 900 PSA systems (including ~90 Carbotech PSA gas processing plants) and over 450 anaerobic digestion facilities worldwide.

Optional Expansions

Feeder System



Horizontal Digester



AIO Mini

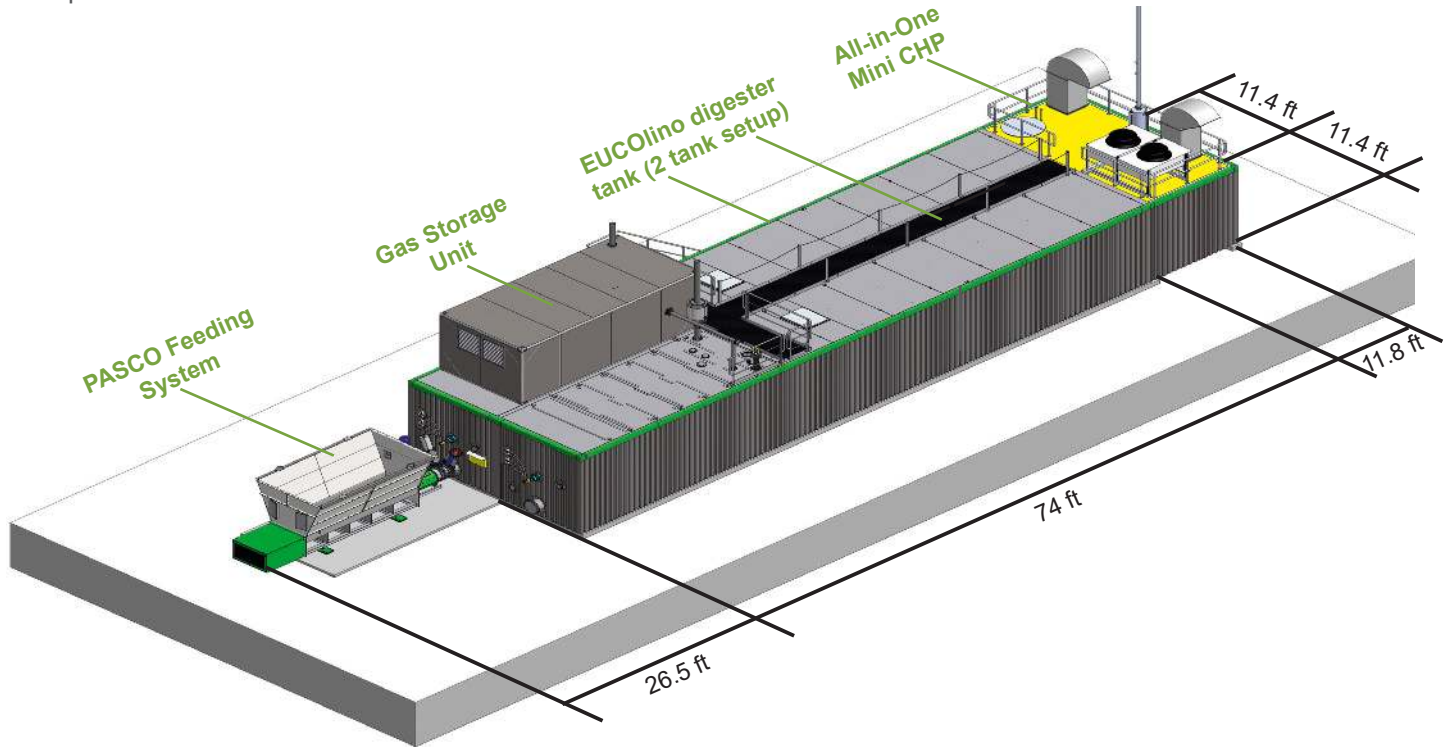


Final Storage



EUCOLino

Footprint and Overview



General EUCOLino Information

EUCOLino Information

| | |
|---------------------------------------|--|
| Digester Volume (Per Tank) | 7,063 ft ³ |
| Digester Dimensions (Per Tank) | 74 ft long x 11.4 ft wide x 11.5 ft tall |
| Internal Paddle Mixer | Runs full tank length with 4 kW drive rating |
| Input Material Characteristics | Operates at 15-20% total solids |
| Input Material Range | 1,000 - 6,500 tons/year |

CHP

| | |
|---------------------------------------|---------------------------|
| Typical Electrical Power Range | 50 - 100 kW _{el} |
| Typical Thermal Power Range | 70 - 121 kW _{th} |

Optional Expansions

| | |
|-----------------------------|--|
| PASCO Feeding System | To auger material directly into the digester(s) |
| Gas Storage Unit | 23.3 ft long x 10.8 ft wide x 6 ft tall |
| Separator | To separate solid and liquid digestate streams |
| Macerator Pump | To slurry feedstock for direct pumping into the digester tank(s) |

*The above information is approximate; values are consistent with the knowledge available at the time of printing and may be subject to change
*Dimensions without chimney and stairs